

31 with a scattering angle in a scattering plane, wherein the scattering plane is essentially parallel to the plane of the first plane when it is attached to the device via the contact points.

18. The device of claim 17, wherein said contact points are displaceable relative to each other and/or to the main body.

19. The device of claim 17, further comprising an arm, rotatably connected to said main part.

20. The device of claim 19, wherein said arm is provided with at least one contact point.

21. The device of claim 17, wherein said contact points are moveable between different positions in a plane defined by the physical dimensions of the device, the contact points, independent of position, allowing the device to transfer a position and direction from the first plane in two directions that are essentially mutually perpendicular.

22. A system for alignment of a first plane with reference to a second plane, wherein the system comprises:

(a) a device comprising a main part and a light source and a plurality of contact points, wherein said contact points are connected to the main part and disposed to attach the main part to the first plane, and said light source is connected to the main part of the device in a position to emit a light beam with a scattering angle in a scattering plane, wherein the scattering plane is essentially parallel to the plane of the first plane when it is attached to the device via the contact points; and

(b) indicator devices to be arranged on the second plane.

23. The system of claim 22, wherein the indicator devices each comprise a part for attachment and a body provided with a measurement mark.

24. The system of claim 22, comprising at least three indicator devices.

25. A method for alignment of a first plane with reference to a second plane so that said planes become essentially plane-parallel, wherein the method comprises the steps of:

(a) attaching to the first plane an alignment device comprising a main part, a light source and a plurality contact points, wherein said contact points are connected to the main part and disposed to attach the main part to the first plane, and said light source is connected to the main part of the device in a position to emit a light beam with a scattering angle in a scattering plane, wherein the scattering plane is essentially parallel to the plane of the first plane when plane attached to the device via the contact points;

(b) generating a light beam from the light source;

(c) arranging indicator devices provided with measurement marks on the second plane within an area illuminated by the light beam; and

(d) adjusting the second plane with regard to said measurement marks so that each mark coincides with an intersectional line between the light beam and the indicator device.

26. The method according to claim 25, wherein the first and second planes are selected independently selected from the group consisting of pulleys, wheels and walls.

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27. The method of claim 25, wherein the indicator device comprises a part for attachment and a body provided with at least one indicator.

28. The method according to claim 25, wherein both the first and second plane are a pulley.

29. The method of claim 25, wherein the indicator device comprises a part for attachment and a body provided with at least one indicator.

30. The method of claim 25, wherein at least three indicator devices are arranged on the second plane.

31. The method of claim 25, wherein the indicator device is part of said second plane.

32. The method according to claim 31, wherein the first and second planes are selected independently selected from the group consisting of pulleys, wheels and walls.

33. The method according to claim 31, wherein both the first and second plane are a pulley.

34. The method of claim 25, wherein said alignment device comprises an arm, rotatably attached to said main part, said arm having at least one contact point for attachment of the first plane disposed thereon.

35. The method of claim 25, wherein said contact points are moveable between different positions in a plane defined by the physical dimensions of the device, the contact points, independent of position, allowing the device to transfer a position and direction from the attached first plane in two directions that are essentially mutually perpendicular.

36. An alignable pulley system comprising:

(a) first and second pulleys;

(b) an alignment device comprising a main part, a light source and a plurality contact points, wherein said contact points are connected to the main part and disposed to attach the main part to the first pulley, and said light source is connected to the main part of the device in a position to emit a light beam with a scattering angle in a scattering plane, wherein the scattering plane is essentially parallel to the plane of the first pulley when the first pulley is attached to the device via the contact points; and

(c) a plurality of indicator devices provided with measurement marks.

37. The pulley system of claim 36, wherein the indicator devices are affixed to the second pulley.

38. The pulley system according to claim 36, wherein the alignment device further comprises an arm, rotatably attached to said main part, said arm having at least one contact point for attachment of the first pulley disposed thereon.